

# EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 06195718  
PUBLICATION DATE : 15-07-94

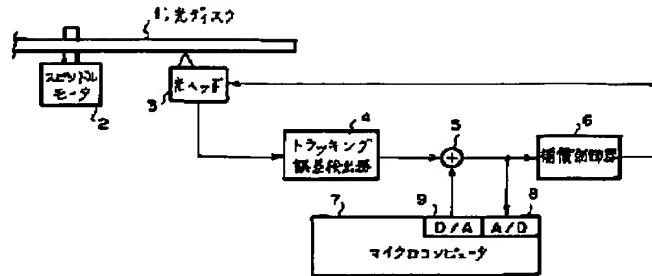
APPLICATION DATE : 24-12-92  
APPLICATION NUMBER : 04357274

APPLICANT : CANON INC;

INVENTOR : BABA HISATOSHI;

INT.CL. : G11B 7/00 G11B 7/085 G11B 7/09

TITLE : OPTICAL INFORMATION RECORDING  
AND REPRODUCING DEVICE



ABSTRACT : PURPOSE: To prevent the increase of a servo deviation by finding whether the data of a difference between the data of the peak and the bottom value of a signal repeatedly obtained from a recording medium and the previous data of the peak and the bottom value is within specified range or not.

CONSTITUTION: An offset is set in a D/A converter 9 so that the intermediate value of a tracking error signal becomes a reference level, for instance, a ground level. Thus, the data apart from the peak and the bottom value of a tracking error signal is discarded and only appropriate data for the peak and the bottom value are integrated for equalization, thereby being able to accurately measure the peak and the bottom value. Therefore, the offset of the tracking error signal can be accurately removed, so that such a conventional problems as the increase of the servo deviation and the like can be avoided.

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